

**Amendments to the Claims:**

This listing of claims will replace all prior versions and listings of claims presented in the above-identified application.

1.-5. (canceled)

6. (currently amended) ~~The A~~ method of claim 1 site specific regulated membrane disruption comprising:

contacting a membrane with a membrane-disrupting reagent that induces a membrane-denaturing reaction when the membrane is exposed to a stimulus, wherein the membrane-disrupting reagent is attached to a support which facilitates precise contact of the membrane-disrupting reagent with the membrane, wherein the membrane is separate and distinct from the support; and

applying the stimulus to the membrane at a contact site under conditions effective to temporarily and partially disrupt the membrane only at the contact site where permeability of the membrane recovers to the state prior to disruption, wherein the stimulus is light, and the membrane-disrupting reagent is a photosensitizing compound.

7.-20. (canceled)

21. (currently amended) ~~The A~~ method of claim 1 site specific regulated membrane disruption comprising:

contacting a membrane with a membrane-disrupting reagent that induces a membrane-denaturing reaction when the membrane is exposed to a stimulus, wherein the membrane-disrupting reagent is attached to a support which facilitates precise contact of the membrane-disrupting reagent with the membrane, wherein the membrane is separate and distinct from the support; and

applying the stimulus to the membrane at a contact site under conditions effective to temporarily and partially disrupt the membrane only at the contact site where permeability of the membrane recovers to the state prior to disruption, wherein the membrane-disrupting reagent is a reactive oxygen species and the stimulus is selected from the group consisting of light energy, electrical energy, and chemical energy.

22.-24. (canceled)